Ontario Ministry of Northern Development and Mines

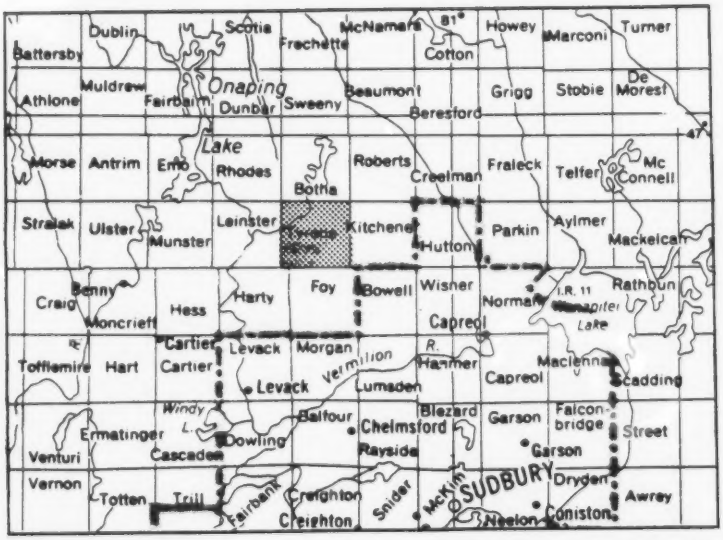
Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 471

TYRONE TOWNSHIP

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP

Scale: 1:1 013 760 or 1 inch=16 miles

CANADA ONTARIO Mineral Development Exploration Minérale

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

90-01090/

NTS Number 41 I/14

Mining Claim Map Number M.1167

This project is part of the Canada-Ontario Mineral Development Agreement (COMDA)

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1989: Tyrone Township, Ontario Geological Survey, Data Inventory Folio 471, compiled by the staff of the Resident Geologist's Office, Sudbury; 16 pages and 2 Maps.

Original Compilation by: Jerome, Lucille, May 1988

Date	Page Revised	Revised by

Date	Page Revised	Revised by

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4-5
Drill Hole Summary 6
Airborne Geophysical Survey Data 7
Geochemical Survey Data 8
Miscellaneous Data 9
Newspaper Clipping File 10
ODM General Index Search 11
Selected References 12-14
Notes and Addenda 15
(Aerial Photographs Index)

ACCOMPANYING MAPS

Property Location Map 1
Exploration Data Map 1
Map Scale 1: 31 680 or 1 inch to ½ mile

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L. J.
2	Assessment Files Research Office, Toronto	N.A.	L. J.
3	ODM General Index; 9 Volumes	Yes	L. J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	L. J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L. J.
6	ODM Industrial Mineral Reports	No	L. J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L. J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L. J.
9	Newspaper Clippings File	Yes	L. J.
10	GSC Index to Publications	No	L. J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L. J.
12	OGS Index Maps	Yes	L. J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L. J.
14	Author - Subject Articles File	Yes	L. J.
15	Miscellaneous Papers: ODM & OGS	No	L. J.
16	ODM Geological Circulars: OGS Study Series	No	L. J.
17	ODM Preliminary Reports: ODM Bulletins	No	L. J.
18	ODM – OGS Open File Reports	No	L. J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L. J.
20	OGS Aggregate Resources Inventory Papers	No	L. J.
21	OGS Mineral Potential Maps	Yes	L. J.
22	Theses on File, Sudbury	Yes	L. J.
23	Aerial Photographs on File, Sudbury	Yes	L. J.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . .Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . Galena
- △ gt . . . . . Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- ▲ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- ▲ po . . . . . .Pyrrhotite
- △ q . . . . . .Quartz
- △ qcv. . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . .Shale
- △ sid . . . . . Siderite
- △ si . . . . . .Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod. . . . . .Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd. . . . . .Spodumene
- △ staur. . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr. . . . . .Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A.	Foy Offset Extension Occurrence Falconbridge Nickel Mines Ltd. (Kainola, Maki Option)	po, cp, pent	Cu 4	MRC 12, p.282	Foy 0012

GDIF FORM NO. 1

TYRONE TOWNSHIP 4

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Falconbridge Nickel Mines Ltd. (Tyrone 0010-A1)				52 68															
2	Falconbridge Nickel Mines Ltd. (Tyrone 0011-A1)	49																		
3	Falconbridge Nickel Mines Ltd. (Foy 0012)	50		50		50						50								
4	Inco Ltd. (Tyrone 0011-B1)				50															
5	Inco Ltd. (Tyrone 0011-B1)				50															
6	Inco Ltd. (Tyrone 0011-B1)				50															
7	Inco Ltd. (Tyrone 0010-C1)				67															
8	Inco Ltd. (Tyrone 0010-E1)				67															
9	Flint Rock Mines Ltd. (Tyrone 0010-D1)				72															
10	Flint Rock Mines Ltd. (Tyrone 0013-B1)											72	72							
11	Anaconda American Brass Ltd. (Tyrone 0012)	67										67[1]			67[1]					
12	Alchib Development Co. Ltd. (Tyrone 0013-A1)											72	72[1]							

GDIF FORM NO. 2

TYRONE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
13	Kidd Creek Mines Ltd. (Tyrone SP-001)												87[1]							

[1] No significant anomaly

GDIF FORM NO. 2

5

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Falconbridge Nickel Mines Ltd.	F-1	1952	270	45	14	367	py, cp, po, mag	
2		F-2	1952	281	45	9	382	py, cp, po, mag	
3		F-3	1952	090	45	13	460	py, cp, po, mag	
4		F-4	1952	090	45	11	379	py, cp, po, mag	
5		TYR-5	1968	090	45	7	369	po	
6		TYR-6	1968	090	50	7	521	po, cp	
7		TYR-7	1968	090	45	7	681	po	
8		TYR-8	1968	090	45	7	779	po	
9	Inco Ltd.	5966	1950	090	80	2	446	po, cp	
10		5967	1950	100	70	4	400		
11		5968	1950	020	70	6	137		
12		5969	1950	200	80	4	467	po, cp	
13		33316	1967	090	45	0	176		
14		33318	1967	090	45	0	275		
15		32870	1967	180	45	0	324		
16	Flint Rock Mines Ltd.	1	1972	270	50	54	618	py, cp, po	
17		2	1972	270	45	68	605	py, cp, po	

GDIF FORM NO. 3

TYRONE TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Alchib Development Co. Ltd.

Northern Miner — June 8, 1972

Flint Rock Mines Ltd.

Northern Miner — May, 1972

ODM GENERAL INDEX SEARCH

Words searched:

ALCHIB DEVELOPMENT CO. LTD.
ANACONDA AMERICAN BRASS LTD.
FALCONBRIDGE NICKEL MINES LTD.
FLINT ROCK MINES LTD.
FOY OFFSET EXTENSION OCCURRENCE
INCO LTD.
KAINOLA, J.
KIDD CREEK MINES LTD.
MAKI, O.
TYRONE TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
8	Tyrone Tp., Sudbury Dist.			
	Geology of the Leinster-Bowell Area	GR 65		

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1966-67	Sudbury Mining Area	ODM Map 2170	1" = 1 mile
	1964	Tyrone Township	ODM Map P.249	1" = 1/4 mile
	1965, 67	Cartier Sheet	ODM Map P.287	1" = 2 miles
Card, K. D., Lumbers, S.B.	1974, 75	Sudbury-Cobalt Geological Compilation (revised)	OGS Map 2361	1" = 4 miles
Card, K. D., Meyn, H. D.	1968	Tyrone and Foy Townships	ODM Map 2133	1" = 1/2 mile
Dressler, B. O.	1984	Sudbury Geological Compilation	OGS Map 2491	1: 50 000
	1983	Sudbury Mining Area, West Part	OGS Map P.2602	1: 50 000
		GEOPHYSICAL MAPS		
GSC - ODM	1965	Aeromagnetic Map - Venetian Lake	1519G	1" = 1 mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geological Map of the Sudbury-Onaping Lake Area	OGS Map P.2482	1: 100 000
ODM - GSC	1965	Aeromagnetic Map - Sudbury Sheet	7067G	1" = 4 miles
	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey, Sudbury	Map P.1610	1: 250 000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
EMR	1975	Topographic Map - Venetian Lake	41 I/14	1: 50 000
Gartner, J. F.	1980	NOEGTS Data Base Map, Cartier	Map 5000	1: 100 000
		NOEGT Study 94, Cartier Area		
		NOEGTS General Construction Capability Map, Cartier	Map 5004	1: 100 000
Sado, E. V., Carswell, B.F.	1987	Surficial Geology of Northern Ontario	OGS Map 2518	1: 200 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		MINERAL POTENTIAL MAPS		
Innes, D. G., Jost, M.	1977	Nickel Deposits of Ontario , East Central Sheet	P.1062	1" = 16 miles
Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	OGS Map P.1512	1: 250 000
		GEOCHEMICAL MAPS		
		No data available as of May 20, 1988		
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1982	Tyrone Township - Sudbury Data Series	Map P.2469	1" = 1/4 mile
Bedell, G.	1906	The Sudbury Mining District; Ph. D., University of Kansas	MP-2	
Shklanka, R.	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	MRC 12	p. 282
		JOURNALS, ARTICLES, THESES AND TECHNICAL REPORTS		
Brocoum, S. J., Dalziel, I. W. D.	1974	The Sudbury Basin, the Southern Province, the Grenville Front and the Penokean Orogeny	Geol. Soc. Amer. Bull. 85, Vol. 4	pp. 1571-1580
Hurst, R. W., Farhat, J.	1977	Geochronologic Investigations of the Sudbury Nickel Irruptive and the Superior Granites North of Sudbury	Geochim. Cosmochim. Acta; Vol. 41	pp. 1803-1815
Naldrett, A. J. et al	1972	The Main Irruptive and the Sublayer at Sudbury, Ontario	I.C.G., 24th Session, Vol. 4	pp. 206-214
Peredery, W. V. and Naldrett, A. J.	1975	Petrology of the Upper Irruptive Rocks, Sudbury, Ontario	Econ. Geol., Vol.70	pp.164-175

SELECTED REFERENCES

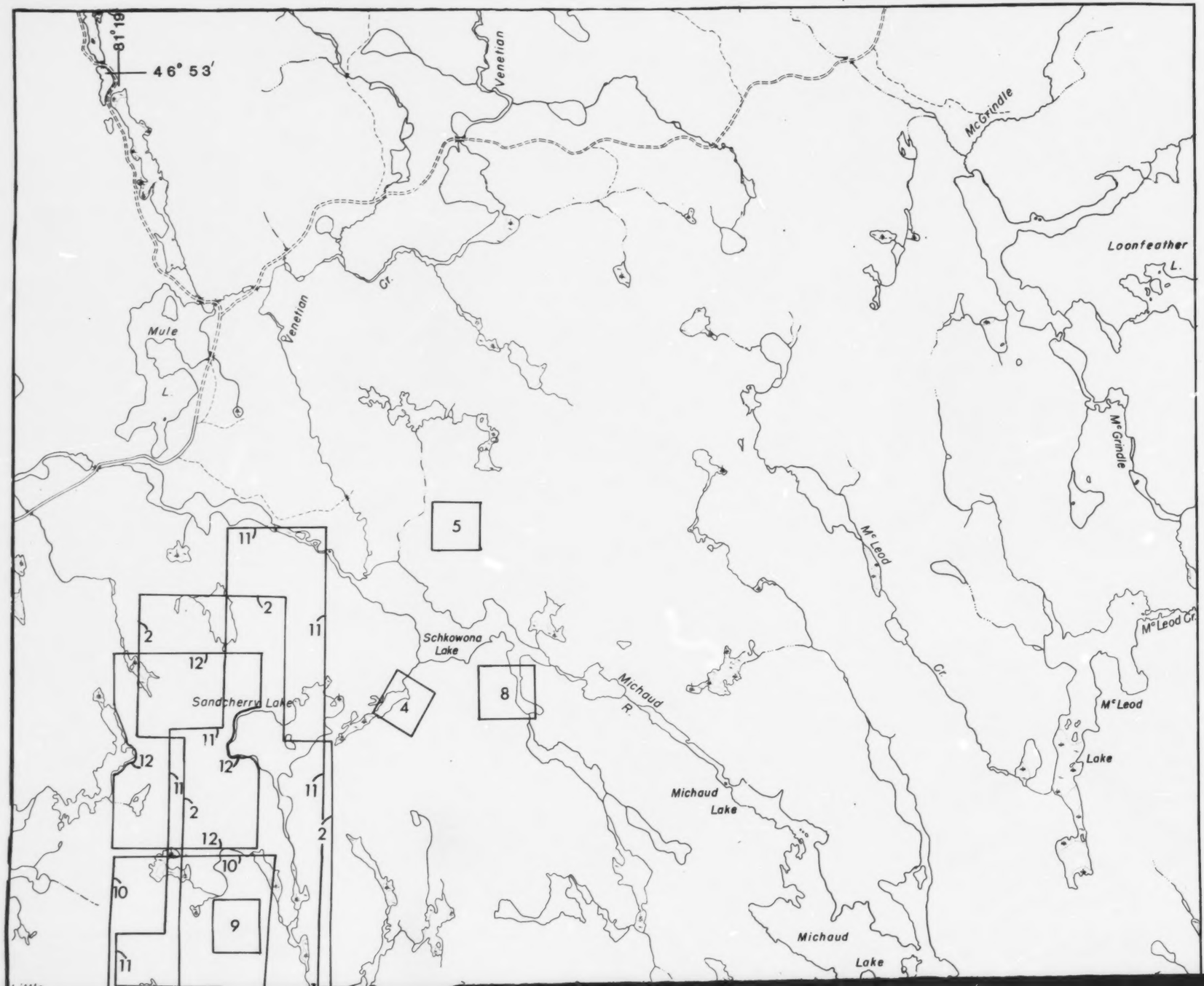
Author	Date	Title	Reference	Map Scales and/or Report Pages
Rowell, W. F. Edgar, A. D.	?	Geochemistry and Economic Potential of the Nipissing Gabbro. Department of Geology	University of Western Ontario	
Thomson, R.	1935	The Offset Dikes of the Nickel Intrusive, Sudbury, Ontario	A.J.S., Vol.5, pt. 30	pp. 356-367
Walker, T. L.	?	The Diabase Dykes in the Sudbury Region	Can. Mining Review	pp.25, 44

NOTES AND ADDENDA

AERIAL PHOTOGRAPHS INDEX

Scale 1" = 1/4 mile

YEAR	ROLL	LINE	NUMBER
1977	79	4636	248-252
	78	4635	0-5
	89	4634	64-68
1973	28	4637	69-75
	27	4636	165-171
	26	4635	209-215
	25	4634	254-260



Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 471

(Map 1 of 2)

TYRONE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

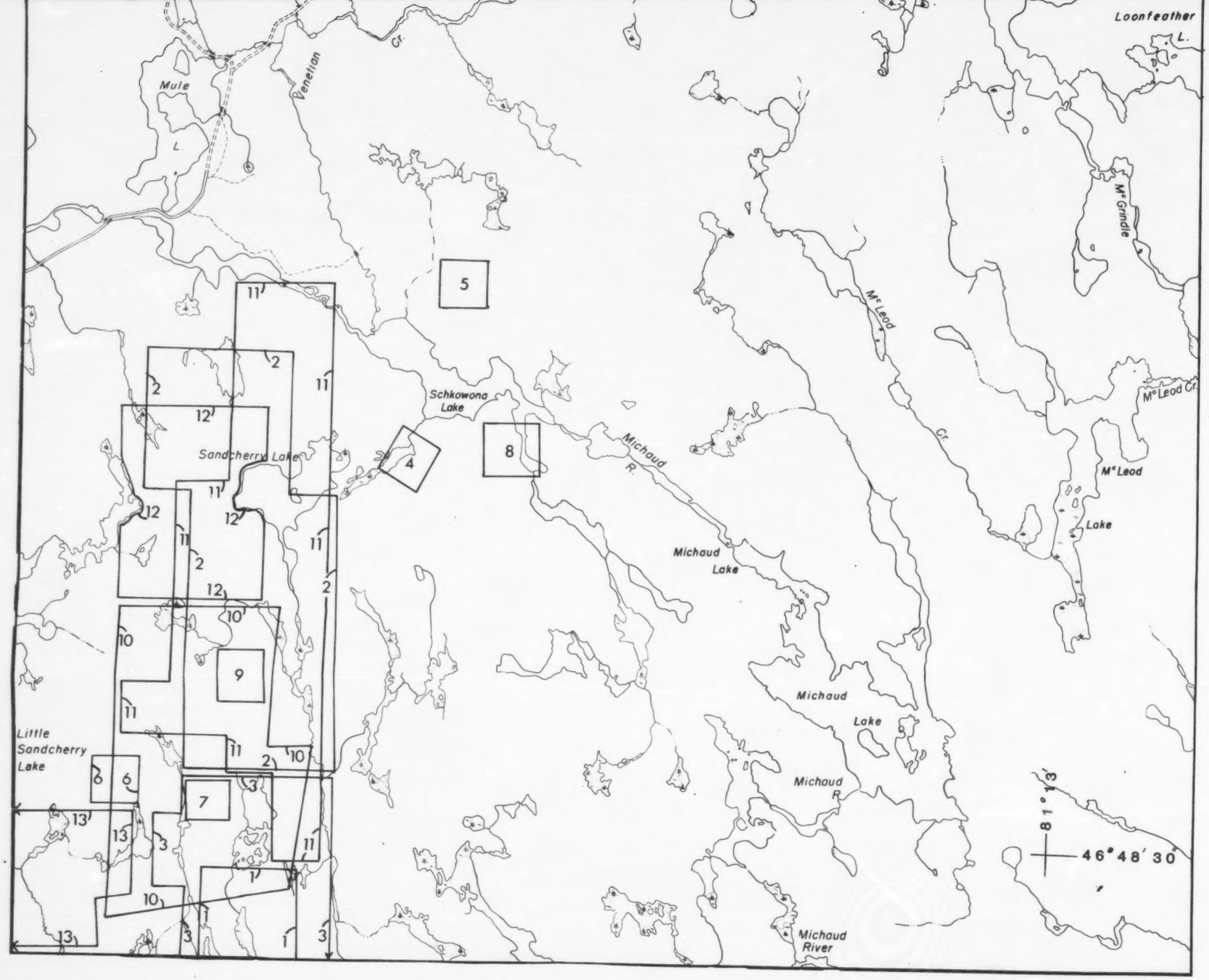
Mile 0.5 0 0.5 1 Mile

TYRONE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

- ■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.
- □ x ④ Small area of exploration
- □ ★ File covers whole township or area

TYPES OF DATA SHOWN ON THIS MAP

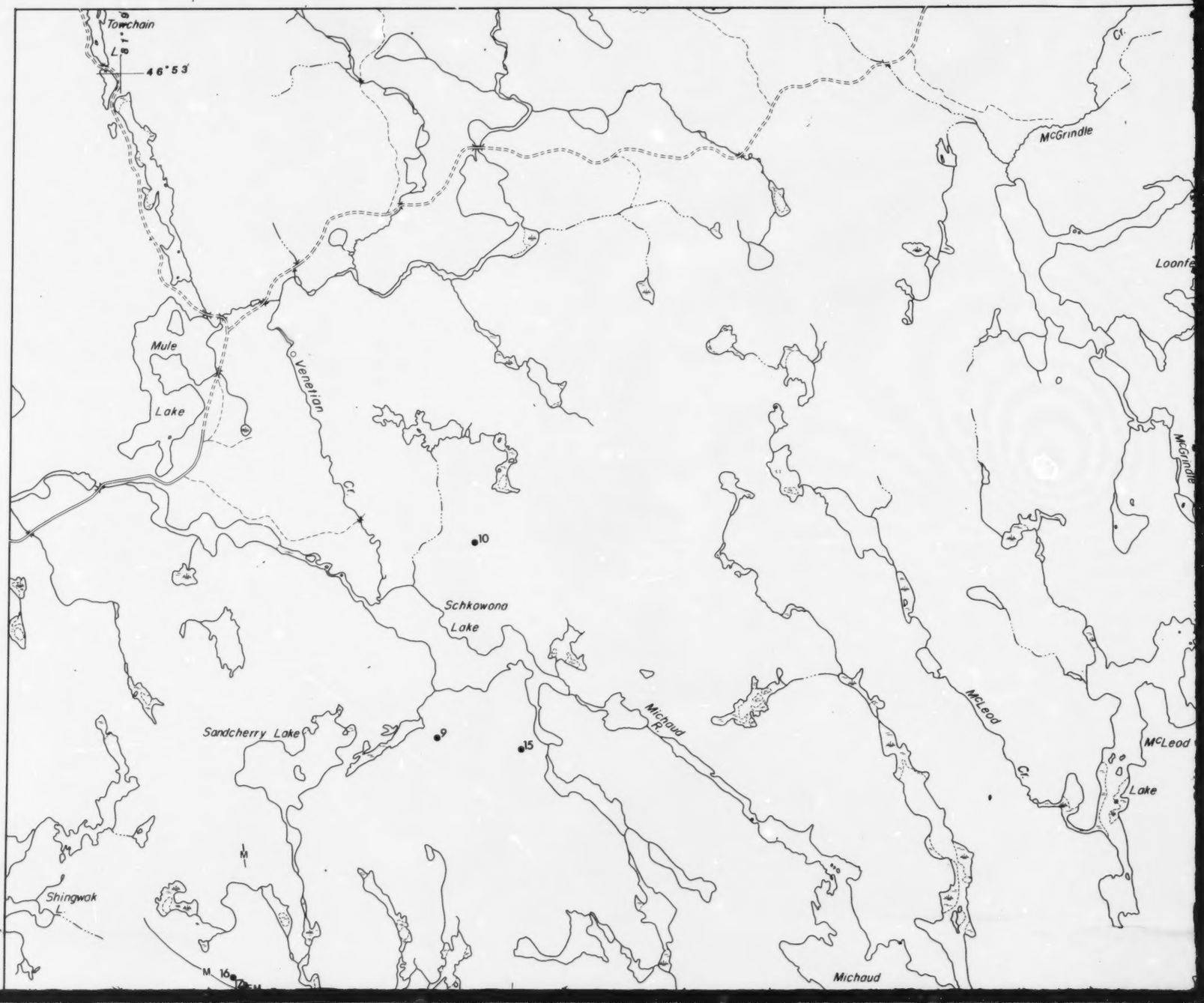
GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☐ ◆³ Geochemical sample site, with reference number
- ☐ ◆³ Area of geochemical sampling, with reference number
- ☐ ✳² Age dating material sampling site, with reference number

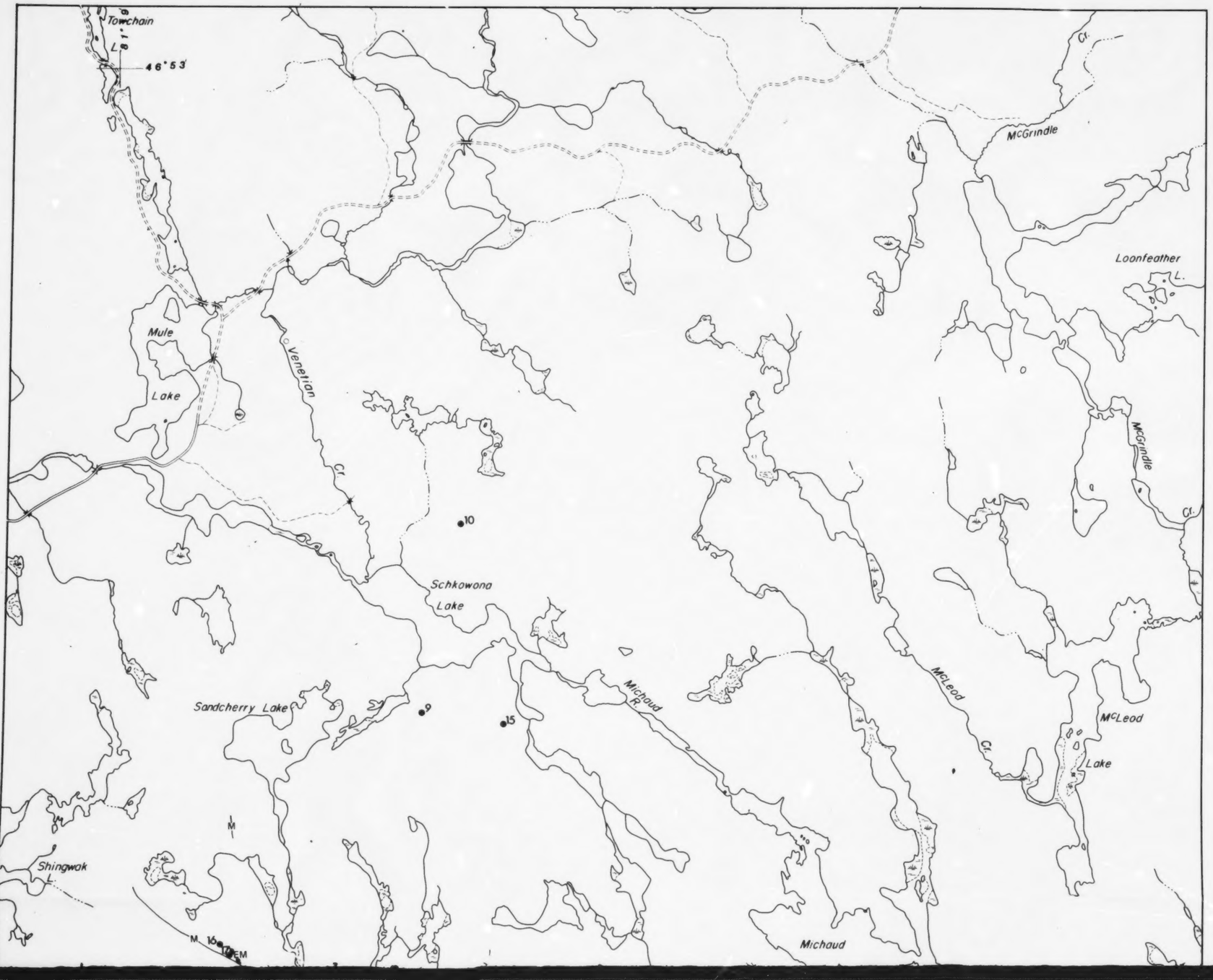
GEOPHYSICAL ANOMALIES

- ☐ AM Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ AEM Airborne electromagnetic anomaly
- ☐ Airborne electromagnetic anomaly Conductor axis
- ☐ ARA Airborne radiometric anomaly
- ■ M Ground magnetic anomaly
- ■ VL Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16; EM - Undefined)
- ☐ RA Ground radiometric anomaly
- ☐ IP Induced polarization anomaly
- ☐ SP Self potential anomaly
- ☐ AFMAG Audio-frequency magnetic anomaly (total intensity)
- ☐ R Resistivity anomaly
- ☐ GR Gravity anomaly

MISCELLANEOUS DATA



2 of 2



Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 471

(Map 2 of 2)

TYRONE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with

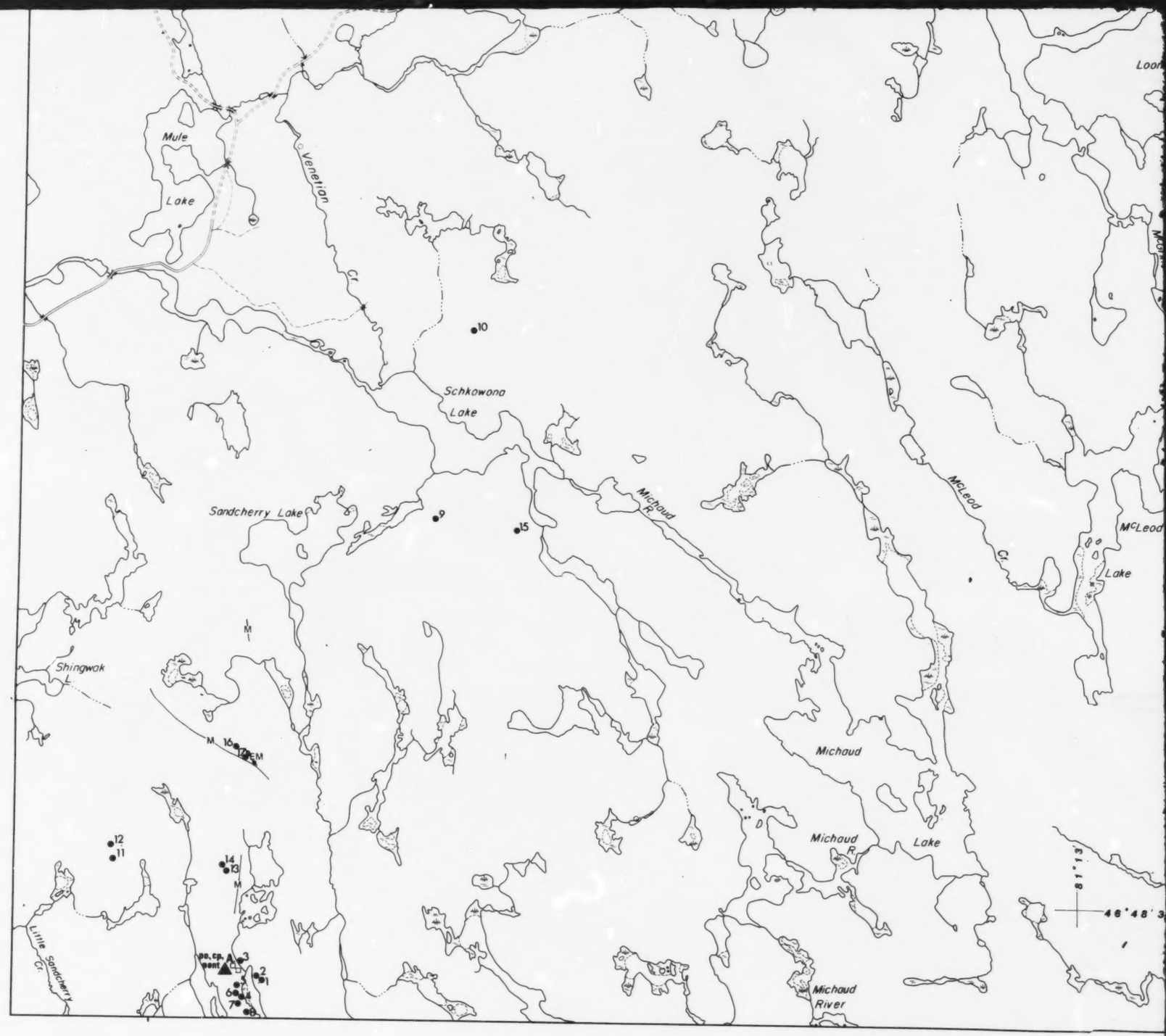
GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne magnetic anomaly
- ☐ — Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ AEM — Airborne electromagnetic anomaly
- ☐ — Airborne electromagnetic anomaly
  Conductor axis
- ☐ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM -
  Crone Em - 16; EM - Undefined)
- ☐ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly

MISCELLANEOUS DATA

- ■ — Trenching, pit
- ☐ — Adit
- ☐ — Open pit
- ☐ — Rock quarry
- ☐ — Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



TYRONE TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp A. — Mineral occurrence at surface, with reference letter
- □ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized float with reference letter
- □ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLES

- ■ ●² — Location of single drillhole, with reference number
- □ ◉² — Location of closely spaced group of drillholes, with reference number
- □ (?)² — Drillhole, exact location uncertain, with reference number
- □ ◎ — Property with underground drillholes in this general area, with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number